

1 CLAIMS

2 What is claimed is:

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4 1. A lubricant composition comprising, by weight:

5 approximately 4% carbon dioxide;

6 approximately 0.3 to approximately 0.5% SARKOSYL O;

7 approximately 0.05 to approximately 1% AMINE O;

8 approximately 10 - approximately 20% petrolatum;

9 approximately 70 to approximately 90 % trichloroethylene;

10 approximately 1 to approximately 2% MONALUBE 225®; and

11 approximately 0.44% methyl salicylate.

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13 2. The lubricant composition as described in claim 1, wherein the preferred  
14 concentration of MONALUBE 225® is approximately 1.5%.

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16 3. The lubricant composition as described in claim 2, wherein the preferred  
17 concentration of trichloroethylene is between approximately 78% and about 81%.

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19 4. The lubricant composition as described in claim 3, wherein the more preferred  
20 concentration of trichloroethylene is between approximately 78% and approximately  
21 79%.

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23 5. The lubricant composition as described in claim 3, wherein the preferred  
24 concentration of petrolatum is approximately 15%.

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26 6. The lubricant composition as described in claim 5, wherein the composition is  
27 characterized by being nonflammable.

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29 7. A lubricant composition comprising, by weight:

30 approximately 4% carbon dioxide;

1 approximately 0.3 to approximately 0.5 % SARKOSYL O;  
2 approximately 0.05 to approximately 1% AMINE O;  
3 approximately 15% petrolatum;  
4 approximately 78 to 79% trichloroethylene;  
5 approximately 1.5 % MONALUBE 225®; and  
6 approximately 0.44% methyl salicylate.  
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8 8. A method for protecting metal surfaces against wear due to extreme pressure  
9 conditions, the method comprising the step of applying a lubricant composition to the  
10 metal surfaces, the composition comprising, by weight:

11 approximately 4% carbon dioxide;  
12 approximately 0.3 to approximately 0.5 % SARKOSYL O;  
13 approximately 0.05 to approximately 1% AMINE O;  
14 approximately 10 to approximately 20% petrolatum;  
15 approximately 70 to approximately 90% trichloroethylene;  
16 approximately 1.0 to approximately 2.0% MONALUBE 225®; and  
17 approximately 0.44% methyl salicylate.  
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19 9. The lubricant composition as described in claim 8, wherein the preferred  
20 concentration of MONALUBE 225® is approximately 1.5%.  
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22 10. The lubricant composition as described in claim 9, wherein the preferred  
23 concentration of trichloroethylene is between approximately 78% and about 81%.  
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25 11. The lubricant composition as described in claim 10, wherein the more preferred  
26 concentration of trichloroethylene is between approximately 78% and approximately  
27 79%.  
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29 12. The lubricant composition as described in claim 10, wherein the more preferred  
30 concentration of petrolatum is approximately 15%.

1 13. The lubricant composition as described in claim 12, wherein the composition is  
2 characterized by being nonflammable.

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4 14. A method for protecting metal surfaces against wear due to extreme pressure  
5 conditions, the method comprising the step of applying a lubricant composition to the  
6 metal surfaces, the composition comprising, by weight:

7 approximately 4% carbon dioxide;

8 approximately 0.125% SARKOSYL O;

9 approximately 0.125% AMINE O;

10 approximately 15% petrolatum;

11 approximately 78 - approximately 79% trichloroethylene;

12 approximately 1.5% MONALUBE 225®; and

13 approximately 0.44% methyl salicylate.  
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